1967

Carmarthen Urban Sanitary Authority

Ninety-Fifth

ANNUAL REPORT

of the Sanitary Conditions of
the County of the Borough of
Carmarthen

by

ELFYN T. JONES
B.Sc., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health

"Journal," Carmarthen.

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PREFACE

To the Mayor, Aldermen and Members of the Council of the Borough of Carmarthen.

In presenting my Annual Report for the year ended 31st December, 1967 it is pleasing to report that the health of the population remained at a satisfactory level.

Whilst work continues to proceed on sewerage and water schemes it is gratifying to note that the scheme for Johnstown has been completed and is operating satisfactorily. There is still an urgency about the other schemes and it is pleasing to record that their commencement is expected in the very near future.

I regret once more to have to draw attention to the facilities for the sale of cooked meats in the Provision Market and I cannot stress too strongly the need for immediate action.

I wish to gratefully acknowledge the work carried out by my staff and to thank the Members of the Public Health Committee and the Council for the whole-hearted manner in which they have supported me. I also wish to thank my colleagues and their staff for their continued support and help.

I am,

Mr. Mayor, Aldermen and Councillors,

Your obedient Servant,

ELFYN T. JONES

Medical Officer of Health.

PUBLIC HEALTH COMMITTEE

Membership:

The Worshipful the Mayor (Alderman C. W. Griffiths, J.P.).
Chairman:—Councillor G. B. Evans
Vice-Chairman:—Alderman T. Ll. Davies

Members:
Alderman D. J. Howells, Councillors W. Davies, R. B. Evans, L. H. Howells, J. S. James, W. Jones, I. Morris, E. Rees, W. J. Rodgers, D. J. Williams.

STAFF

Medical Officer of Health:
ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Official address and telephone number of Medical Officer of Health:
Public Health Department, 3, Spilman Street, Carmarthen.
Telephone Number: Carmarthen 5131

Clerk to the County of the Borough of Carmarthen:
W. JOHN OWEN, Esq.

Borough Engineer and Surveyor:
J. VIVIAN EVANS, A.M.I.Mun.E., M.R.S.H., A.M.I.H.E.

Borough Treasurer:
H. WILLIAMS, F.I.M.T.A.

Senior Public Health Inspector:
E. W. FRANCIS, M.A.P.H.I., C.R.S.H. (Meat Certificate).

Additional Public Health Inspector:
D. P. SEAL, M.A.P.H.I., M.R.S.H., (Meat Certificate)

Shops Inspector:
E. W. FRANCIS, Senior Public Health Inspector.

Slaughterhouse Manager:
JAMES C. LOW, M.R.S.H., M. Inst. M. (terminated duties 6/7/67).
W. J. ORMAN (commenced duties 4/10/67).

Chief Inspector under the Food and Drugs Act:
E. G. NICHOLLS, M.I.W.M.A.

Public Health Department Clerks:
D. J. G. GRIFFITHS (Chief Clerk)
C. B. JONES
Miss M. A. DAVIES
A. LEWIS (commenced duties 12/10/67)

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority comprises the Parish of St. Peter's and is 5,223 acres in extent. The area is essentially an urban one although the outskirts of the town still remain essentially rural in character.

Social Conditions

Carmarthen is a very old borough; it is the county town of Carmarthenshire and an important agricultural centre. With its modern cattle market and situated in an area designated as free from bovine tuberculosis it has become the main agricultural marketing centre for West Wales. Only attested cattle are sold in this market which is one of the foremost cattle markets in the country. The main marketing days are Monday, Wednesday and Thursday but frequently marts are also held on other days. On an adjoining site, but totally separate from the attested cattle market site, there is a store cattle mart and a mart for sheep, pigs and calves. In addition a produce market is held on two days a week, namely on a Wednesday and Saturday.

From its geographical situation, and particularly due to its predominant agricultural outlook, Carmarthen does not appear to attract industrial development. Any industrial development must of necessity be associated with agriculture, hence the large milk factory of the Unigate Creameries Limited established within the Borough boundary. I am indebted to the Manager of the Factory for the following information:—

> 'Total milk supplies for the year ending December 31st, 1967 was well up on the previous year and 1967 saw the highest ever ex farm intake recorded at Johnstown.
>
> The number of personnel employed at the factory has remained constant both in respect of total numbers and the split between male and female. Continued use is made of the excellent facilities at Pibwrlwyd Rural Technical College for training purposes and this College is now being used by the Unigate Group for the training of personnel from without the immediate catchment area.
>
> Rather more milk was manufactured as compared with the previous year—our main products being butter and the packing of pure Welsh Butter, milk powder and cereal puddings.
>
> The establishment has continued to supply liquid milk to the consuming centres in South Wales and as requested to the London area. Quality, both chemical and bacteriological compared favourably with the previous years.'

The principal occupations of the town residents are associated with agriculture, shops, offices, garages and commercial firms. British Railways still provide some employment but in a very much less way than formerly.

Public Swimming Baths

There are no public swimming baths in the Borough.

Population, Rateable Value, etc.

The estimated mid-year Home Population given by the Registrar-General for 1967 is 12,950.

The number of inhabited dwellings at the end of the year according to the Rate Book is 3,996.

The rateable value of the Borough is £596,979, and the sum represented by a penny rate is £2,298.

Comparison for the last five years

Year	1963	1964	1965	1966	1967
Population	12,900	12,820	12,830	12,880	12,950
Rateable Value ..	£504,341	£548,008	£580,960	£580,960	£596,979
Penny Rate ..	£2,060	£2,175	£2,250	£2,285	£2,298
Inhabited Houses ..	3,782	3,780	3,955	3,955	3,996

Vital Statistics

Live Births	Males	Females	Total
Legitimate ..	76	59	135
Illegitimate ..	7	2	9
Total	83	61	144

Birth rate per 1,000 estimated home population—11.12

Still-Births

Number	1	1	2
Rate per 1,000 total live and still-births			13.70
Rate per 1,000 estimated home population			0.15

Total Live and Still-Births	84	62	146
Infant Deaths (deaths under 1 year)	1	—	1

Cause of Infant Death:— Atelectasis of Lungs with prematurity

Age at which infant death occurred:—Under 1 day

Infant Mortality Rates

Total infant deaths per 1,000 live births	6.94
Legitimate infants per 1,000 legitimate live births	7.41
Illegitimate infants per 1,000 Illegitimate live births	0.00

Maternal Deaths

Number of Deaths	—

	Males	Females	
Deaths (All Ages) ..	119	114	233
Death rate per 1,000 estimated home population ..			17.99

Vital Statistics and Comparison for the last Five Years:—

Year	Estimated Mid-Year Home Population	Live Births		Deaths (all causes)		Stillbirths		Maternal Deaths		Infant Deaths (under 1 year)	
		No.	Rate per 1,000 population	No.	Rate per 1,000 population	No.	Rate per 1,000 Live and Stillbirths	No.	Rate per 1,000 Total Births	No.	Rate per 1,000 Live Births
1967	12,950	144	*11.12	233	*17.99	2	13.70	—	0.00	1	6.94
1966	12,880	168	13.04	225	17.47	2	11.76	—	0.00	1	5.95
1965	12,830	168	13.09	228	17.77	4	23.26	—	0.00	2	11.90
1964	12,820	182	14.20	241	18.80	—	00.00	—	0.00	3	16.48
1963	12,900	167	12.95	220	17.05	5	28.49	—	0.00	5	29.94
England and Wales—1967		—	17.2 (a)	—	11.2 (a)	—	14.8 (a)	—	Not available	—	18.3 (a)

*Adjusted: Live birth-rate (comparability factor 1.04) = 11.56 per 1,000.
Death rate (comparability factor 0.66) = 11.87 per 1,000.

(a) Provisional rates.

CLASSIFICATION OF CAUSES OF DEATH ACCORDING TO DISEASE DURING 1967

Cause of Death	Sex	Total all ages	Under 4 wks.	4 wks & under 1 yr.	AGE IN YEARS 1–	5–	15–	25–	35–	45–	55–	65–	75+
Tuberculosis, Respiratory	F	1	—	—	—	—	—	—	—	—	—	—	1
Syphilitic Disease	M	1	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	1	—	—	—
Malignant Neoplasm, Stomach	M	5	—	—	—	—	—	—	—	—	3	1	1
	F	4	—	—	—	—	—	—	—	—	—	3	1
Malignant Neoplasm, Lung, Bronchus	M	5	—	—	—	—	—	—	—	1	1	3	—
Malignant Neoplasm, Breast	F	3	—	—	—	—	—	—	1	—	2	—	—
Malignant Neoplasm, Uterus	F	1	—	—	—	—	—	—	1	—	—	—	—
Other Malignant and Lymphatic Neoplasms	M	9	—	—	—	—	1	—	—	1	4	2	1
	F	9	—	—	—	—	—	—	1	1	4	1	2
Leukaemia, Aleukaemia	M	1	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	—	—	1	—
Diabetes	F	1	—	—	—	—	—	—	—	1	—	—	—
Vascular Lesions of Nervous System	M	18	—	—	—	—	—	—	2	1	1	5	9
	F	28	—	—	—	—	—	—	1	1	1	6	19

Cause of Death	Sex	Total all ages	Under 4 wks	4 wks & under 1 yr.	AGE IN YEARS 1–	5–	15–	25–	35–	45–	55–	65–	75+
Coronary Disease, Angina	M	30	—	—	—	—	—	—	1	1	9	12	7
	F	26	—	—	—	—	—	—	—	1	2	9	14
Hypertension with Heart Disease	M	1	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	1	—	—	—
Other Heart Disease	M	11	—	—	—	—	—	—	1	—	1	3	6
	F	16	—	—	—	—	—	—	—	—	3	5	8
Other Circulatory Disease	M	7	—	—	—	—	—	—	—	1	1	—	5
	F	4	—	—	—	—	—	—	—	—	1	—	3
Pneumonia	M	11	—	—	—	—	—	—	—	1	2	3	5
	F	6	—	—	—	—	—	—	—	—	—	1	5
Bronchitis	M	2	—	—	—	—	—	—	—	—	—	1	1
Other diseases of Respiratory System	M	4	—	—	—	—	—	—	—	—	1	3	—
Gastritis, Enteritis and Diarrhoea	F	1	—	—	—	—	—	—	—	—	1	—	—

Cause of Death	Sex	Total all ages	Under 4 wks.	4 wks & under 1 yr.	AGE IN YEARS								
					1–	5–	15–	25–	35–	45–	55–	65–	75+
Nephritis and Nephrosis	M	1	—	—	—	—	—	—	—	—	—	—	1
Congenital Malformations	F	1	—	—	—	—	—	1	—	—	—	—	—
Other Defined and Ill-defined diseases	M	7	1	—	—	—	—	—	1	—	3	—	2
	F	8	—	—	—	—	—	—	—	—	1	3	4
Motor vehicle Accidents	M	2	—	—	—	—	—	1	—	1	—	—	—
All Other Accidents	M	4	—	—	—	—	—	—	1	—	—	1	2
	F	2	—	—	—	—	—	—	—	—	—	1	1
TOTAL ALL CAUSES	M	119	1	—	—	—	1	1	6	7	26	37	40
	F	114	—	—	—	—	—	1	4	6	15	30	58

Cancer

The number of deaths from cancer in recent years:—

	1963	1964	1965	1966	1967
Malignant neoplasm, stomach	7	3	5	3	9
Malignant neoplasm— lung, bronchus	6	4	7	3	5
Malignant neoplasm, breast	2	2	4	1	3
Malignant neoplasm, uterus ..	—	2	2	3	1
Other malignant and lymphatic neoplasms	18	18	13	18	18
Totals	33	29	31	28	36

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

As in former years the Public Health Laboratory, situated at the West Wales General Hospital, Glangwili, Carmarthen, and which is under the direction of Dr. H. D. S. Morgan, again proved of inestimable value to the health services of the area.

Ambulance Facilities:

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.

Hospital Accommodation:

Infectious Diseases:

The Infectious Diseases Hospital is situated at Upper Tumble, near Llanelli, and is under the control of the Regional Hospital Board.

General Hospital Facilities

Hospital facilities are available at Priory Street and at Glangwili and both hospitals are known as the West Wales General Hospital. The hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area.

Home Nursing

This service is undertaken by five whole-time district nurses employed in Carmarthen Combined area which covers the Borough and part of the Rural area.

The Care of Unmarried Mothers and their Children

Arrangements are made for unmarried mothers to be admitted to one of the following hostels:—Northlands, Cardiff; Cwmdonkin Shelter, Swansea; The Llandaff Diocesan Moral Welfare Committee Hostel, Penarth or the St. Martin's Home, Hereford.

These arrangements are made by the County Council and also the St. David's Diocesan Moral Welfare Committee.

Venereal Diseases

The Regional Hospital Board is responsible for the treatment of Venereal Diseases. Clinics, where free treatment may be obtained under conditions of secrecy and confidence, were held at the West Wales General Hospital, Glangwili, Carmarthen.

These clinics were held as follows:—

Males First Friday of month—2 p.m.—4 p.m.
Third Friday of month—4.30 p.m.—6.30 p.m.
Females First Friday of month—4.30 p.m.—6 p.m.
Third Friday of month—2 p.m.—4 p.m.

However, in 1968 a re-arrangement is to take place and the times of the clinics will in the future be:—
Males and Females—First and third Friday in each month—2 p.m. to 6. p.m.

WATER SUPPLY

As in former years careful watch was maintained on the bacteriological standards of the town's water supply. Numerous samples were taken at varying points and it is pleasing to note that with the exception of one, all the samples were satisfactory.

The following table summarises the samples of water taken by my Department during the year:—

Source	No. of Samples	No. Satisfactory	No. Unsatisfactory
Johnstown Area (St. Clears Road and Llanstephan Road)	69	69	—
Hospital	69	69	—
Henallt	70	70	—
High Level Supply (Limegrove Avenue and Trevaughan)	67	67	—
John Street	67	66	1
Tanerdy	68	68	—
Totals	410	409	1

The Borough Engineer and Surveyor reports as follows:—

Water Supply

(a) Supplies have been satisfactory, in general, in quality and quantity.

(b) A programme of cleaning and lining mains is in hand and renewals will be made where necessary.

(c) Number of houses supplied (estimated) 4,050; Population supplied direct (estimated) 12,800; Stand pipes (estimated) 200.

(d) Schemes are in preparation for a new trunk main to reinforce supplies to the higher zones of the town and also to the Glangwili Hospital. The Carmarthen Water Scheme (Penlanffos Reservoir) has been brought into operation. The Towy Water Scheme is now showing signs of progress.

Drainage and Sewerage

The Johnstown Sewerage and Disposal Scheme is now operating successfully. Plans are well advanced for stage 111 which will remove the Bronwydd Road area effluent from the river to the treatment works. The Trevaughan Sewerage Scheme should commence in the near future.

Housing

Wauniago Housing Estate Stage 111 is nearly complete and provides 98 dwellings. Design of a further scheme at Jobs Well is about to start and should provide about 80 dwellings.

The Council has decided to simultaneously proceed with a scheme at Woods Row which may include flats.

Improvement Grants

Standard Grant Application.	Approvals ..	3
Discretionary Grant Application.	Approvals ..	15

INFECTIOUS DISEASES

The following cases of infectious diseases were notified during the year:—

	Males	Females	Total
Measles	59	44	103
Scarlet Fever	10	11	21
Whooping Cough	—	1	1
Puerperal Pyrexia	—	1	1
Ophthalmia Neonatorum ..	—	1	1
Respiratory Tuberculosis ..	1	1	2

Of the 103 cases of Measles notified, 99 were under 10 years of age.

IMMUNISATION

The following statistics have been received from the County Medical Officer of Health (the County Council being the Local Health Authority) relative to children in the Borough immunised during the year:—

	Primary Immunisation		
	Children under 5 years	Children 5—14 years	Boosters
Quadruple Vaccine	1	—	—
Triple Antigen	156	4	74
Diphtheria/Tetanus	2	7	35
Tetanus only	1	23	1

VACCINATION

Statistics relating to vaccination during the year against Poliomyelitis and Smallpox, for the County as a whole, given by the County Medical Officer of Health, are as follows:—

(i) **Smallpox:**

Age at date of Vaccination	Number Vaccinated	Number Revaccinated
Under 1 year	127	—
1 year	698	—
2—4 years	264	10
5—14 years	84	157
15 years or over	7	51

(ii) **Poliomyelitis:**

Age Groups	Number of persons who have received:— 3 doses of Oral Vaccine
Children born 1967	315
Children born 1966	1,185
Children born 1965	324
Children born 1964	102
Children born 1960-1963	237
Others under 16 years	65

Number of persons given reinforcing dose of oral vaccine 91

SCHOOLS

The Local Education Authority is the County Council.

There are six Primary Schools (nine Departments) and three Secondary Schools within the Borough.

Schools closed on account of Infectious Diseases

No Schools were closed on account of Infectious Diseases during the year.

TUBERCULOSIS REGISTER—NOTIFICATIONS AND WITHDRAWALS

	Respiratory		Non-Respiratory		Totals	
	M	F	M	F	M	F
Number of cases on Register 1/1/67	48	33	4	9	52	42
Number of cases notified for the first time during the year	1	1	—	—	1	1
Number of transfers from other areas during the year ..	—	—	—	—	—	—
Number of cases removed from the Register during the year	6	5	—	1	6	6
Number of cases remaining on the Register as at 31/12/67	43	29	4	8	47	37

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS 1967

Age Period in years	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
25—34 ..	—	—	—	—	—	—	—	—
35—44 ..	—	—	—	—	—	—	—	—
45—54 ..	—	—	—	—	—	—	—	—
55—64 ..	1	1	—	—	—	—	—	—
65—74 ..	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	1	—	—
Totals ..	1	1	—	—	—	1	—	—

During the year two new cases of Respiratory Tuberculosis were notified as compared with five in 1966.

One death from the disease occurred and this was of a female aged 77 years.

The Mobile Unit of the Mass Radiography Service made forty-six visits to the town and examined 2,067 persons of whom 1,578 were volunteers from the general population.

The Unit visited the town on Tuesdays and was situated outside the Malt House in John Street. It was available to the general public between the hours of 10 a.m. and 12.30 p.m. and 2 p.m. to 5.30 p.m. However, I have been informed that visits of this Unit to the town will be very much curtailed in the future.

Special surveys at Trinity College and St. David's Hospital were carried out by the Unit.

TUBERCULOSIS—INCIDENCE AND DEATH RATES FOR LAST TWENTY YEARS 1948-1967

Year	Incidence			Deaths		
	Case Rate per 1,000 Population			Death Rate per 1,000 Population		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1948	1.04	.08	1.12	.32	—	.32
1949	1.67	.23	1.90	.79	—	.79
1950	1.89	.31	2.20	.39	.07	.46
1951	1.41	.33	1.74	.16	.16	.32
1952	2.01	.25	2.26	.25	.08	.33
1953	2.17	.08	2.25	.17	.08	.25
1954	.84	.34	1.18	.34	.08	.42
1955	1.94	.34	2.28	.34	—	.34
1956	1.35	.08	1.43	.25	—	.25
1957	1.69	.17	1.86	.17	—	.17
1958	.84	.08	.92	.08	—	.08
1959	.75	.17	.92	—	.25	.25
1960	.83	.08	.91	.08	—	.08
1961	.63	.16	.79	.08	—	.08
1962	.62	.08	.70	.08	—	.08
1963	.47	.08	.55	—	—	—
1964	.16	—	.16	.16	—	.16
1965	.08	.08	.16	—	—	—
1966	.39	—	.39	.15	—	.15
1967	.15	—	.15	.08	—	.08
Average for the twenty years	1.05	.14	1.19	.19	.03	.22
Average for the first 5 year period 1948-1952	1.60	.24	1.84	.38	.06	.44
Average for the last 5 year period 1963-1967	.25	.03	.28	.08	—	.08

NATIONAL ASSISTANCE ACTS, 1948 and 1951
Section 47 of the 1948 Act

Removal to suitable premises of persons in need of care and attention.

It is pleasing to report that no case called for action to be taken by the Council during the year. However, an application is still being made every three months to a Court of Summary Jurisdiction for an extension of an Order in respect of an aged person who was removed to an Institution in 1953.

Caravan Sites:

The total number of registered sites in the Borough is six. Two are in the process of being run down, and a third will probably follow the same course due to its development as a housing site. It is again stressed that a municipally owned site should be set up principally for touring vans passing through the town on the way to the West.

The Offices, Shops and Railway Premises Act, 1963:

Inspections of premises which come under the provisions of the above Act have proceeded during the year, and it is pleasing to report that a more rapid rate of progress in carrying out these inspections has been possible now that an Additional Public Health Inspector has been with the Department since November, 1966.

The number of visits of all kinds (including general inspection) to registered premises during the year was 291. Some minor contraventions were observed during the inspections and these consisted principally of lack of First Aid Kits and Thermometers. The owners or occupiers concerned were instructed to obtain these items to bring their premises completely within the requirements of the above Act.

SANITARY CIRCUMSTANCES OF THE AREA
GENERAL SANITATION

Nature of Visit or Inspection.	No. of Visits
Water Supplies	410
Drainage	26
Offensive Trades	2
Moveable Dwellings	—
Bakehouses	7
Public Conveniences	18
Refuse Collection	9
Refuse Disposal	8
Rats and Mice	949
Miscellaneous Sanitary Visits	82

HOUSING

Nature of Visit or Inspection	
Under Public Health Acts	
Number of houses inspected	41
Visits paid to above houses	41
Under Housing Acts	
Number of houses inspected	—
Visits paid to above houses	—
Overcrowding	
Number of houses inspected	6
Visits paid to above houses	6
Verminous Premises	
Number of houses inspected	7
Visits paid to above houses	7
Miscellaneous housing visits	29

INFECTIOUS DISEASES

Inquiries in cases of Infectious Disease	21
Miscellaneous Infectious Disease Visits	2
No. of rooms disinfected	3

MEAT AND FOOD INSPECTION

Inspection of Meat and Meat Shops

Nature of Visit or Inspection	
No. of Slaughterhouses in area	1
No. of visits to above Slaughterhouse	Daily
No. of visits to butchers	121
No. of visits to Shops and Stalls	91

Food Premises

Ninety-one food premises have been registered under Section 16 of the Food and Drugs Act, 1955, viz:—

(a) Premises where the manufacture, or storage and sale of ice-cream is carried out 84

(b) Premises used for the preparation or manufacture of sausages, or potted, pressed, pickled or preserved food intended for sale 7

Foodstuffs condemned by the Public Health Inspectors at Shops etc., (excluding the Slaughterhouse):—

Meat Products—304 tins.
Vegetable Products—361 tins.
Fruit Products—357 tins.
Fish Products—23 tins
Milk Products—112 tins.
Bacon—508 lbs.
Cordial—7 bottles.
Assorted Meat—126 lbs.
Fish—98 lbs.
New Zealand Butter—28 lbs.
Lettuces—204
Cucumbers—108.
Shelled Walnuts—2 bags.

Condemned foodstuffs are disposed of by burial at the local refuse tip.

Ice-Cream

Registration of Premises for the Manufacture and Sale

Three new premises were registered for the storage and sale of ice-cream during the year, bringing the total number of ice-cream retail premises registered to eighty-two. These premises are all being supplied by the big manufacturers with pre-packed ice-cream. There are two ice-cream manufacturers in the town.

The premises of both manufacturers and retailers satisfy the requirements of the Food Hygiene Regulations.

The Food and Drugs Act, 1955

The Food Hygiene (General) Regulations, 1960

Numerous visits to the various food premises in the town have been undertaken by the Public Health Inspectors and on the whole conditions were found to be satisfactory.

There are 111 food premises in the Borough, viz:—

	No. fitted to comply with Reg. 16	No. to which Reg. 19 applies	No. fitted to comply with Reg. 19
Butchers' Shops (10) ..	10	10	10
Grocers' Shops (34) ..	34	28	21
Greengrocers' Shops (14) ..	12	9	9
Bakers' Shops, etc (18) ..	18	18	18
Cafes (19)	19	19	19
Fish & Chip Restaurants (14)	14	14	14
Fishmongers' Shops (2) ..	2	2	2

The Liquid Egg (Pasteurisation) Regulations, 1963.

(i) No. of egg pasteurisation plants in the district ..

(ii) No. of samples of liquid egg submitted to the Alpha-Amylase tests and their results .. ..

} Nil

Poultry Processing Premises

No. of poultry processing premises in the district .. .. Nil

HOUSING

Inspections of dwelling houses during the year

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) 71

(b)	Number of inspections, made for the purpose	71
(2)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	6
(3)	Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..	65

Houses Demolished

In Clearance Areas	—
Not in Clearance Areas	—

Unfit Houses Closed

Under Section 17(3) and 26 Housing Act, 1957 ..	—

Housing Act, 1957—Part IV— Overcrowding

(a)	(i)	Number of dwellings overcrowded at the end of the year	62
	(ii)	Number of families dwelling therein ..	87
	(iii)	Number of persons dwelling therein ..	187
(b)	(i)	Number of new cases of overcrowding reported during the year ..	5
	(ii)	Number of cases of overcrowding relieved during the year	17

MEAT INSPECTION

The throughput at the Borough Abattoir shows a slight decrease as compared with 1966, but the need of a new modern slaughterhouse still remains so as to ensure the efficient working of the large throughput.

Meat inspection gave rise to considerable extra work for a part of the year particularly in view of the departure of the Slaughterhouse Manager who was a qualified Meat Inspector. The new Slaughterhouse Manager is not qualified to carry out meat inspection and therefore all the meat inspection in the future will be the sole responsibility of the Public Health Inspectors.

The following table summarises the amount of carcases and offal inspected and condemned at the Borough Abattoir during the year:–

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Cattle, including Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	4349*	11604	27525	7916	Nil
Number inspected	4349*	11604	27525	7916	Nil
All Diseases except Tuberculosis and Cysticerci.					
Whole carcases condemned	23	19	47	17	Nil
Carcases of which some part or organ was condemned ..	347	11	430	33	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	8.3%	0.25%	1.7%	.63%	Nil
Tuberculosis Only					
Whole carcases condemned	5	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned ..	17	Nil	Nil	3	Nil
Percentage of the number inspected affected with tuberculosis	0.5%	Nil	Nil	0.04%	Nil
Cysticercosis.					
Carcases of which some part or organ was condemned..	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration ..	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil

*Includes the following tuberculosis reactors or contacts:—58 from Carmarthenshire, 62 from Pembrokeshire and 2 from Cardiganshire.

FOOD AND DRUGS ACT AND REGULATIONS

Mr. E. G. Nicholls, Chief Inspector with the County Council, has submitted the following report on work done within the Borough of Carmarthen under the Food and Drugs Act, 1955, and the various Regulations and Orders made thereunder:—

" Total number of samples submitted to the Public Analyst for analysis	90
Informal samples of milk tested for compositional quality by the Food and Drugs Officers	15
Informal samples of Alcoholic Spirits tested by the Food and Drugs Officers	5
Milk samples sent for examination at the Public Health Laboratory, Glangwili ..	47
	157

Milk samples submitted to the Public Analyst

Number of samples submitted	38
Certified to be genuine	31
Deficient in Non-fatty-solids due to natural causes	4
Slightly deficient in both Fat and Non-fatty-solids	1
Unsatisfactory on account of the presence of blood ..	1
Sterilized Milk unsatisfactory on account of the fact that it contained mould	1

The bottle of Sterilized Milk was submitted to the Public Analyst after receiving a complaint in respect of it from the purchaser. Legal proceedings were instituted and the magistrates imposed a fine of £8, plus £2/1/6 costs, on the dairy company concerned.

In the case of the bottle of Untreated Milk reported to be unsatisfactory on account of the presence of blood, the discolouration of the milk due to the blood was not very pronounced and after giving careful consideration to all the circumstances, it was decided to issue a warning to the producer-retailer concerned.

The above 38 milk samples were certified by the Public Analyst to be free from any traces of antibiotics.

Informal samples of Milk taken at schools and other establishments and tested by the Food and Drugs Officers.

Fifteen milk samples were tested and all of them were found to be genuine in both fat and non-fatty-solids content.

Miscellaneous articles of Food and Drugs

Number of samples submitted to the Public Analyst	52
Certified to be genuine	47
Certified to be unsatisfactory	5

Particulars of the Unsatisfactory Samples

Description of Sample	*Nature of deficiency or irregularity*
Fruit Sauce	Contaminated with esters—chemicals used as solvents in paint, essential oils and varnish, and also for flavouring confectionery.
Canned Sausages in Pork Stock	The contents of the can had a disagreeable odour and were in a decomposed state and unfit for human consumption.
Ferrous Sulphate Tablets ..	Quantitative details on label obscured by scouring marks.
Sultanas	Unsatisfactory in hygienic quality.
Dried Fruit (Cake Fruit Mixture)	Unsatisfactory in hygienic quality.

The **Fruit Sauce** was the subject of a complaint by a purchaser who did not wish to appear in Court. A formal sample subsequently taken from the same consignment proved to be genuine. No further action could be taken and the manufacturers were warned.

Canned Sausages in Pork Stock. This was an imported product and the contents of the can had become putrid due to improper sealing or subsequent damage. The purchaser could not remember the date of purchase. Formal samples were taken subsequently from cans bearing the same code markings and these were reported to be in a sound condition. After giving careful consideration to the observations of the manufacturers and their subsidiary company in this country, it was decided not to take legal action but to issue a warning.

Warnings were also issued to the manufacturers of the remaining three samples reported to be unsatisfactory after all the circumstances had been thoroughly investigated.

Alcoholic Spirits

Five informal samples of Whisky were purchased at licensed premises and were tested by the Food and Drugs Officers. All the samples were found to be genuine.

Milk samples submitted to the Public Health Laboratory, Glangwili.

Pasteurised Milk:

Satisfied the prescribed tests for adequacy of heat-treatment and bacteriological quality	30
Failed to satisfy the prescribed tests	1
	31

Sterilised Milk

The six samples taken satisfied the prescribed test.

Untreated Milk

The ten samples taken satisfied the Methylene Blue test for bacteriological quality.

These ten samples of Untreated Milk were also examined for Brucella Abortus under the Brucella Ring and Culture tests. Brucella Abortus was not isolated in any of the samples.

AMOUNT OF SHIPPING ENTERING THE PORT SANITARY DISTRICT DURING THE YEAR 1967

There is nothing to report under any of the headings.

Administration of the Factories Act, 1961

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Public Health Inspectors as part of their routine work, and a close liaison has been maintained, with the District Inspector of Factories.

PART 1 OF THE ACT.

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register.	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	38	17	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	103	30	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	Nil	Nil	Nil	Nil
Total	141	47	Nil	Nil

2. Cases in which defects were found.

Particulars.	Number of cases in which defects were found				No. of cases in which prosecutions were instituted.
	Found.	Remedied	Referred.		
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1.) ..	2	2	Nil	Nil	Nil
Overcrowding (S.2.)	Nil	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3.)	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4.) ..	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6.)	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7.) ..					
(a) Insufficient	4	4	Nil	Nil	Nil
(b) Unsuitable or defective ..	Nil	Nil	Nil	Nil	Nil
(c) Not separate for sexes ..	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork)	Nil	Nil	Nil	Nil	Nil
Total	6	6	Nil	Nil	Nil

PART VIII OF THE ACT—OUTWORK
(Sections 133 and 134)

The return required under Part VIII of the Act is 'Nil'